

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[Trpc7^{tm1.1Lbi}/Trpc7^{tm1.1Lbi}](#)

RRID:MGI:5296035

Type: Organism

Proper Citation

RRID:MGI:5296035

Organism Information

URL:

Proper Citation: RRID:MGI:5296035

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal eye physiology

Affected Gene: Trpc7

Genomic Alteration: tm1.1Lbi

Catalog Number: 5296035

Background: involves: 129S6/SvEvTac * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21261756](#)

Organism Name: Trpc7^{tm1.1Lbi}/Trpc7^{tm1.1Lbi}

Record Creation Time: 20240120T190206+0000

Record Last Update: 20240130T201818+0000

Ratings and Alerts

No rating or validation information has been found for Trpc7^{tm1.1Lbi}/Trpc7^{tm1.1Lbi}.

No alerts have been found for Trpc7^{tm1.1Lbi}/Trpc7^{tm1.1Lbi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Contreras E, et al. (2023) Melanopsin activates divergent phototransduction pathways in intrinsically photosensitive retinal ganglion cell subtypes. eLife, 12.

Sonoda T, et al. (2018) Melanopsin Phototransduction Is Repurposed by ipRGC Subtypes to Shape the Function of Distinct Visual Circuits. Neuron, 99(4), 754.